AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1. (currently amended): A composition for injection treatment of wood for preservation comprising an enzyme having a polyphenol oxidizing activity and an optimum reaction pH on an alkaline side not lower than pH 7.5 when activity is measured using syringaldazine, and a lignosulfonic acid or lignosulfonate as a substrate therefor, and at least one chemical agent,

wherein the chemical agent is a solution or powder of a metal salt, a metal compound, or a metal complex,

wherein the composition is in the form of a solution to be diluted upon use, or powder or granulated powder to be dissolved upon use, and

wherein the lignosulfonic acid or lignosulfonate is present in an amount of 0.01 to 5% by weight.

Claims 2-4. (canceled).

Claim 5. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the substrate for the enzyme comprises lignosulfonic acid or lignosulfonate obtainable by removing a portion of a water insoluble solid component of waste pulp liquors by centrifugation or filtration.

Claim 6. (canceled).

Claim 7. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the composition contains an unsaturated fatty acid, an unsaturated alcohol or an unsaturated alkyl compound.

Claim 8. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the chemical agent is selected from a fragrant, a deodorant, a rust preventive, a flame retardant, an antibacterial agent, an antiseptic, a sanitizer, an insect-repellent, an antiviral agent, and an organism-repellent.

Claim 9. (canceled).

Claim 10. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the metal is at least one metal selected from copper, arsenic, zinc, chromium, nickel, aluminum, molybdenum, magnesium, or silver.

Claim 11. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is a solution or powder of a boron salt, a boron based compound, or a boron-containing complex.

Claim 12. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is an extract or extracted component from a plant, or a synthetic compound having a chemical agent structure the same as that of the extracted component from the plant.

Claim 13. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 12, wherein the extracted component from a plant or the

synthetic compound having a chemical agent structure the same as that of the extracted component from the plant comprises tropolones, monoterpenes, sesquiterpenes, polyphenols, naphthalene derivatives, long chain aliphatic alcohols, aldehydes, or allyl isothiocyanate.

Claim 14. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 8, wherein the chemical agent is an aromatic compound or a cyclic compound, having one or more substituent(s) selected from a hydroxyl group, an amino group, a halogen atom, and a nitro group.

Claim 15. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the enzyme having a polyphenol oxidizing activity is a catechol oxidase, a laccase, a polyphenol oxidase, an ascorbic acid oxidase, or a bilirubin oxidase.

Claim 16. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, wherein the enzyme having a polyphenol oxidizing activity is a mixture of an enzyme having a peroxidase activity and an oxidase capable of producing hydrogen peroxide.

Claim 17. (previously presented): The composition for injection treatment of wood for preservation as claimed in claim 1, 15 or 16, wherein the enzyme having a polyphenol oxidizing activity is an enzyme obtainable by cultivating genus *Myrothecium*.

Claim 18. (canceled).

Claim 19. (canceled).

Claims 20-36. (canceled).